



037-120  
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OCTOBER 22, 1998

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
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\*100786180A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/30/1998

REEL/FRAME: 9355/0753  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YEO, WOON-SEONG

DOC DATE: 06/23/1998

ASSIGNEE:  
LG ELECTRONICS INC.  
20 YOIDO-DONG, YOUNGDUNGPO-KU  
SEOUL, REPUBLIC OF KOREA

SERIAL NUMBER: 09055240  
PATENT NUMBER:

FILING DATE: 04/06/1998  
ISSUE DATE:

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

87-05-2  
MMD

08-06-1998



100786180

BOX ASSIGNMENTS  
PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Woon-Seong YEO

Serial No.: 09/055,240

Group: 2754

Filed: APRIL 6, 1998

Examiner:

For: OPTICAL DISC HAVING VARIABLE SPARE AREA RATES AND  
METHOD FOR VARIABLY SETTING THE RATE OF SPARE  
AREAS IN THE OPTICAL DISC

Date: July 30, 1998

Docket No.: 0937-0120P

RECORDING OF ASSIGNMENT

**BOX ASSIGNMENTS**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies) (e.g. inventor(s)):

Woon-Seong YEO

2. Name and address of receiving party(ies) (e.g. assignee):

LG ELECTRONICS INC.  
20 Yoido-Dong  
Youngdungpo-ku  
Seoul, KOREA

3. Nature of Conveyance:

- ☒ Assignment  
☐ Security Agreement  
☐ Merger  
☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date (e.g., Assignment): June 23, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new patent application, the execution date(s) of the application (Declaration) is (are) \_\_\_\_\_.

A. Patent Application Number(s): 09/055,240

B. Patent Number(s):

5. Name and address of party to whom correspondence concerning document should be mailed:

Birch, Stewart, Kolasch & Birch, LLP  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

6. Total number of applications and patents involved: 1

7. ☒ The recording fee in the amount of \$ 40.00 is enclosed.

8.     \_\_\_ Please charge Deposit Account No. 02-2448 in the amount of \$\_\_\_\_\_. A duplicate copy of this request is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16-1.21(h); particularly, extension of time fees.

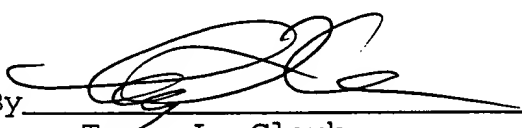
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: July 30, 1998

By

  
Terry L. Clark  
Reg. No. 32,644

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TLC/WKR/jcp

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET,  
ATTACHMENTS, AND DOCUMENT: 5

**ASSIGNMENT**Application No. 09/055,240Filed April 6, 1998

Insert Name(s) of Inventor(s) ➡ WHEREAS, Woon-Seong Yeo

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Insert Title of Invention ➡

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

OPTICAL DISC HAVING VARIABLE SPARE AREA RATES AND METHOD FOR  
VARIABLY SETTING THE RATE OF SPARE AREAS IN THE OPTICAL DISC

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application ➡

on June 23, 1998; and

Insert Name of Assignee ➡

WHEREAS, LG Electronics Inc.

Insert Address of Assignee ➡

of 20 Yoido-Dong, Youngdungpo-KuSeoul, Korea

CHECK BOX IF APPROPRIATE ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue of or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>June 23 1998</u> ,	Name of Inventor <u>Woon-Seong Yeo</u> (signature) Woon-Seong Yeo
Date _____ ,	Name of Inventor _____ (signature)
Date _____ ,	Name of Inventor _____ (signature)
Date _____ ,	Name of Inventor _____ (signature)
Date _____ ,	Name of Inventor _____ (signature)
Date _____ ,	Name of Inventor _____ (signature)